

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in this application.

1. (Currently Amended) A route guide data creation device that acquires travel data transmitted from a ~~vehicle~~ plurality of vehicles that ~~travels on a road~~ travel according to a predetermined travel route and travel time, the travel route including a plurality of stops, and creates route guide data based on the acquired ~~predetermined~~ travel data, comprising:

travel data acquisition means ~~that acquires~~ for respectively acquiring said travel data from each of the plurality of vehicles traveling according to said predetermined travel route over a predetermined period of time;

travel data processing means ~~that receives~~ for receiving data formatted from said travel data into a predetermined input format, ~~calculates~~ calculating an arrival time and departure time at/from each stop ~~for each~~ on said predetermined travel route ~~and~~ for each vehicle ~~[[ID]]~~, and ~~outputs~~ outputting the arrival time and departure time of each vehicle at each stop in a predetermined output format; and

a route guide database that stores route guide data including the departure time and the arrival time of each stop ~~and each vehicle~~ at each stop outputted from said travel data processing means, said route guide data that is stored in said route guide database classified into a plurality of data groups based on conditions at the time when said travel data is acquired and stored.

2. (Currently Amended) A route guide data creation device according to claim 1, wherein the route guide data creation device acquires said travel data about ~~the~~ a first vehicle through ~~the~~ a last vehicle of ~~each~~ said predetermined travel route.

3. (Original) A route guide data creation device according to claim 1 or 2, wherein said input format includes a vehicle ID, a route code, a next stop code, arrival time at a previous stop, and departure time from the previous stop.

4. (Original) A route guide data creation device according to claim 1 or 2, wherein said output format includes a vehicle ID, a route code, a departing stop code, arrival time, arriving stop code, and departure time.

5. (Cancelled)

6. (Previously Presented) A route guide data creation device according to claim 1 or 2, wherein the conditions at the time when said travel data is acquired include weather and/or day, and date.

7. (Currently Amended) A route guide data creation device according to claim 1 or 2, wherein said travel data processing means sorts the acquired travel data into order of a departure

time after sorting the acquired travel data into an order of a vehicle ID and order of a route code, and calculates departing time and arriving time for each section between stops.

8. (Currently Amended) A route guide data creation method for acquiring travel data transmitted from a ~~vehicle~~ plurality of vehicles that ~~travels on a road~~ travel according to a predetermined travel route and travel time, the travel route including a plurality of stops, and creating route guide data based on the acquired ~~predetermined~~ travel data, comprising:

~~a step for~~ acquiring travel data transmitted from each of said plurality of vehicles traveling according to said predetermined travel route over a predetermined period of time, ~~the travel data transmitted from a vehicle that travels on a road;~~

~~a step for inputting data formatted from~~ formatting the acquired travel data to a predetermined input format ~~into operation processing means;~~

~~a step for~~ calculating an arrival time and a departure time at/from each stop on said predetermined travel route for each vehicle [[ID]] from said ~~inputted~~ travel data formatted to a predetermined input format;

~~a step for~~ outputting the arrival time and departure time at/from each stop, which are calculated for each vehicle [[ID]], in a predetermined output format; and

~~a step for~~ classifying the route guide data, including the departure time and the arrival time of each vehicle from/at each stop, ~~outputted from said travel data processing means~~ based on the conditions at the time when the travel data is acquired, and storing in a route guide database.

9. (Currently Amended) A route guide data creation method according to claim 8, wherein the step for acquiring said travel data includes a step for acquiring said travel data on a first vehicle through a last vehicle for each said predetermined travel route.

10. (Original) A route guide data creation method according to claim 8 or 9, wherein said input format includes a vehicle ID, a route code, a next stop code, arrival time at a previous stop, and departure time from the previous stop.

11. (Original) A route guide data creation method according to claim 8 or 9, wherein said output format includes a vehicle ID, a route code, a departing stop code, departure time, arriving stop code, and arrival time.

12. (Cancelled)

13. (Previously Presented) A route guide data creation method according to claim 8 or 9, wherein the conditions at the time when the travel data is acquired include weather and/or day, and date.

14. (Currently Amended) A route guide data creation method according to claim 8 or 9, wherein the ~~step for~~ calculating arrival time and departure time at/from each stop for each vehicle

[[ID]] from said inputted travel data includes ~~a step for~~ sorting the acquired travel data into order of departure time after sorting the acquired travel data into order of a vehicle ID and order of a route code, and calculating departing time and arriving time for each section between stops.

15. (Currently Amended) A route guide distribution device, comprising:

a route guide database in which route guide data on a ~~vehicle~~ plurality of vehicles that ~~travels~~ travel on a road according to a predetermined travel route and travel time is stored; and

distribution means for distributing a route guide in response to a route guide request from a mobile terminal based on the route guide data stored in said database, said route guide database storing route guide data including arrival time and departure time at/from each stop for each vehicle [[ID]] calculated for ~~each~~ the predetermined travel route based on travel data acquired from [[a]] each vehicle that travels on [[a]] the road over a predetermined period of time, said route guide data classified into a plurality of data groups based on conditions at the time when said travel data is acquired.

16. (Currently Amended) A route guide distribution device according to claim 15, wherein said route guide database stores arrival time and departure time at/from each stop for each vehicle [[ID]] calculated for ~~each~~ said predetermined travel route based on travel data acquired from each vehicle from a first vehicle to a last vehicle that travel on a road as route guide data.

17. (Cancelled)

18. (Previously Presented) A route guide distribution device according to claim 16, wherein the conditions at the time when said travel data is acquired include weather and/or day, and date.

19. (Original) A route guide distribution device according to claim 18, wherein said distribution means distributes route guide created by acquiring route guide data corresponding to a condition at the time when route guide request is issued by a mobile terminal from said route guide database.